

WHAT IS CLAIMED IS:

1. A fabric material processing method comprising the steps of:
 - (a) Coating the surface of each of top and bottom sides of a prepared fabric
5 material with a layer of nanostructured metal liquid;
 - (b) Drying said fabric material;
 - (c) Dipping said fabric material in a nanostructured water repellent solution
to absorb water repellent;
 - (d) Drying said fabric material;
 - 10 (e) Spraying a solvent on the surface of the bottom side of said fabric
material to remove water repellent from the surface of the bottom side of said fabric
material;
 - (f) Grinding the surface of the bottom side of said fabric material with a
grinding wheel before drying of said solvent, so as to remove nanostructured metal
15 from the surface of the bottom side of said fabric material;]
 - (g) Drying said fabric material and then desizing said fabric material;
 - (h) Washing said fabric material with clean water; and
 - (i) Drying said fabric material.
2. The fabric material processing method as claimed in claim 1, wherein said
20 nanostructured metal liquid is a water solution containing 1% nanostructured titanium
dioxide (TiO_2), and 10% water soluble dextrin.
3. The fabric material processing method as claimed in claim 1, wherein said
nanostructured metal liquid is a water solution containing 1% nanostructured silicon
dioxide (SiO_2), and 10% water soluble dextrin.
- 25 4. The fabric material processing method as claimed in claim 1, wherein said

nanostructured metal liquid is a water solution containing 1% nanostructured zinc dioxide (ZnO_2), and 10% water soluble dextrin.

5 5. The fabric material processing method as claimed in claim 1, wherein said nanostructured metal liquid is a water solution containing 1% nanostructured titanium dioxide (TiO_2), and 10% polyethylene.

6. The fabric material processing method as claimed in claim 1, wherein said nanostructured metal liquid is a water solution containing 1% nanostructured silicon dioxide (SiO_2), and 10% polyethylene.

10 7. The fabric material processing method as claimed in claim 1, wherein said nanostructured metal liquid is a water solution containing 1% nanostructured zinc dioxide (ZnO_2), and 10% polyethylene.

8. The fabric material processing method as claimed in claim 1, wherein said nanostructured water repellant solution is a methylbenzene solution containing 1% nanostructured metal, 1% stearate, and 1.2% silicon water repellant.

15 9. The fabric material processing method as claimed in claim 1, wherein said nanostructured water repellant solution is an iso-acetone solution containing 1% nanostructured metal, 1% stearate, and 1.2% silicon water repellant.

20 10. A fabric material processing method comprising the steps of (a) mixing a nanostructured metal with a nanostructured resin to form a nanostructured solution, (b) spraying said nanostructured solution on the top surface of a fabric material and then drying said fabric material, and (c) repeating step (a) and step (b) three times.